

REMARKS

As a preliminary matter, applicants appreciate the acknowledgement of the references cited in an Information Disclosure Statement filed with this application on July 14, 2000. In reviewing the application, however, applicants discovered an inadvertent typographical error in the PTO 1449 Form. Japanese reference number 090625¹4 was inadvertently typed as 090625²4. Applicants would appreciate correction of the record in this regard.

Claims 1-20 stand rejected under § 102 on the basis of Aho et al. Independent claims 1, 7, 13, 17 and 19 have been amended to better define the present invention over the reference, and applicants respectfully traverse this rejection for the following reasons.

Claim 1 relates to a source language, such as Fortran 90 and Fortran 95, which allows vector representation (page 2, line 23 to page 3, line 4 of the specification; Fig. 9). In contrast, Aho merely describes a general structure of a compiler. That is, the front end performs parsing and then optimization is performed. Thus, Aho neither suggests nor discloses that the process for facilitating optimization is performed before optimization.

In addition, amended claim 1 recites that assignment rules are stored in a language-specific-rule-table (Fig. 2), which is not disclosed by Aho. According to the present invention, an analyzing unit analyzes a program code based on the assignment rules to obtain an analysis result. The analysis result is embedded in the program code by an embedding unit (page 16, line 14 to page 17, line 2 of the specification).

Aho fails to disclose this feature of embedding the analysis result in the program code. In the previous office action, the examiner cited page 359, paragraph 3 of Aho, but Aho

merely states that an integer is assigned to a real number. For these reasons, withdrawal of this rejection is requested.

For the foregoing reasons, applicants believe that this case is in condition for allowance, which is respectfully requested. The examiner should call applicants' attorney if an interview would expedite prosecution.

Respectfully submitted,

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